

Product Data Sheet GWS4420HC840

SMART [4]

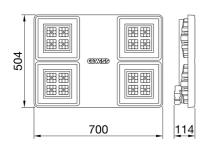


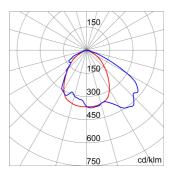
Smart [4] HACCP is the series of indoor LED lighting devices suitable for lighting in the food and beverage industry, ideal for illuminating production areas, warehouses and logistics areas. Three different sizes available: 1M, 2M and 4M. The body is made of nylon "Halogen-free" loaded with grey fibreglass (RAL7035) with venting and anti-condensation device, aluminium alloy heat dissipation device EN AB 44300. It is equipped with a double optical system that provides a metallic reflector with ARRAY optics and a metallic reflector with PMMA lenses stabilized at UV, high efficiency, which allow a wide variety of light distributions 30°, 60°, and 90°, asymmetric and elliptical, screen in PMMA. It is possible to install hanging, wall and projection devices. It is available with three types of Colour Temperature (4000K / 5700K), CRI>80 Colour Rendering Index and two power supply options (ON/OFF or DALI).

Leminaire LeD Industrial Reflector Application Internal LeD Industrial Reflector Lemen output (fm) 35600 Drique digital code (Datamatrix) Datamatrix Datamatrix Efficacy (fm/W) 35600 Colour Grey RAL 7035 Colour temperature Colour Rendering Index CRI>80 CSI>80	GENERAL INFORMATION	_	OPTIC AND ILLUMINATING FEATURES	-
Luminaire LED Industrial Reflector Application Unified Glare Rating ————————————————————————————————————	Context	Lighting of logistical and industrial food productive	Optic	Asymmetrical
Application				
Datamatrix	Luminaire	LED Industrial Reflector	Unified Glare Rating	-
Colour Grey RAL 7035 Colour temperature 4000 K	Application		Lumen output (lm)	35600
Type of light source LED Solver (253 W System power) Colour Rendering Index (253 W Standard Devaltion Colour Matching SDCM = 3 RgG (1745°C)=150.000h; L90B10 (1745°C)=100.000h Standard Devaltion Colour Matching SDCM = 3 RgG (253 W Standard Subvillation Colour Matching SDCM = 3 RgG (253 W Standard Subvillation Calour Matching SDCM = 3 RgG (253 W Standard Subvillation Colour Matching SDCM = 3 RgG (253 W Standard SDCM = 3 RgG (253 W Standard SDCM = 3 RgG (253 W Standard SDCM = 3 RgG (253 W STANDARDS AND APPROVALS ELETRICAL AND LIGHTING FEATURES (253 W STANDARDS AND APPROVALS (253 W STAND	Unique digital code (Datamatrix) Datamatrix		141
System power 253 W LED Lifetime Standard Deviation Colour Matching SDCM = 3 Device with reduced surface temperature Weight (kg) 13.5 Standard Deviation Colour Matching RG0 Weight (kg) 13.5 Standard EN 60598-2; EN 60598-2; EN 60598-2-1; EN 60598-2-24 Warranty 5 years ELETRICAL AND LIGHTING FEATURES 5 controlled Modeled Feature Stocking temperature 40 +70 °C Supply voltage 220 - 240 V Operating temperature -30°C + +50 °C Red direquency (Hz) 50/60 Hz Body PA6 "Halogen Free" loaded fibreglass Shield type PMMA Driver failure rate F10=70.000h Tq25°C/35.000h Tq50°C Overvoltage protection DM 6 kV / CM 10 kV Overvoltage protection DM 6 kV / CM 10 kV Overvoltage protection DM 6 kV / CM 10 kV Overvoltage protection ON / OFF INSTALLATION AND MAINTENANCE INSTALLATION AND MAINTENANCE With GW connect watertight connector INSTALLATION AND MAINTENANCE With GW connect watertight connector Fixing Eight souce replaceability By professional Driver Box By professional Driver Box Built-in Piver Box Built-in Piver Box Built-in	Colour	Grey RAL 7035	Colour temperature	4000 K
LED Lifetime L90B10(Tq25°C)>150.000h; L90B10 (Tq50°C)=100.000h (Tq	Type of light source	LED	Colour Rendering Index	CRI>80
LED Lifetime L90B10(Tq25°C)>150.000h; L90B10 (Tq50°C)=100.000h (Tq50°C)=10.000h	System power	253 W	Standard Deviation Colour Matching	SDCM = 3
Marranty S years Stocking temperature -40 +70 °C Supply voltage 220 -240 V	LED Lifetime			RG0
Stocking temperature 40 +70 °C Operating temperature -30 °C + +50 °C Operating temperature -40 °C +50 °C Operating temperature -40 °C Operating tempe	Weight (kg)	13.5	Standard	
Operating temperature -30°C + +50 °C MATERIALS - Driver	Warranty	5 years	ELETRICAL AND LIGHTING FEATURES	-
MATERIALS PA6 "Halogen Free" loaded fibreglass Shield type PA6 "Halogen Free" loaded fibreglass Shield type PMMA Overvoltage protection Overvoltag	Stocking temperature	-40 +70 °C	Supply voltage	220 - 240 V
Body PA6 "Halogen Free" loaded fibreglass Shield type PMMA Optic Metallic PC reflector and PMMA lenses Gasket anti-aging silicone Locking Hook Stainless steel Colour Grey RAL 7035 STANDARDS AND APPROVALS Tight and Device with reduced surface temperature Device with reduced surface temperature Din 18032-3 certification Available (under certain installation conditions) IPEA A Available (under certain installation class IP degree IP65 Mechanical resistance IK07 Briver failure rate F10=70.000h Tq25°C/35.000h Tq55°C Overvoltage protection Driver System O	Operating temperature	-30°C ÷ +50 °C	Rated frequency (Hz)	50/60 Hz
Shield type PMMA Overvoltage protection DM 6 kV / CM 10 kV Optic Metallic PC reflector and PMMA lenses Gasket anti-aging silicone Locking Hook - Actional System Statistics and Institute of the statistic of the	MATERIALS	-	Driver	Included
Optic Metallic PC reflector and PMMA lenses Control System ON / OFF Gasket anti-aging silicone INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension External screw Stainless steel Tilt With GW connect watertight connects Colour Grey RAL 7035 Wiring With GW connect watertight connects STANDARDS AND APPROVALS - Fixing - Classification - Light souce replaceability By professional Device with reduced surface temperature Yes Control gear replaceability By professional DIN 18032-3 certification Available (under certain installation conditions) Driver Box Built-in IPEA Maximum surface exposed to the wind 0,350 m² Insulation class 1 Maximum surface exposed to the wind 0,350 m² IP degree IP65 - - Mechanical resistance IK07 - -	Body	PA6 "Halogen Free" loaded fibreglass	Driver failure rate	F10=70.000h Tq25°C/35.000h Tq50°C
Gasket anti-aging silicone Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension External screw Stainless steel Tilt Wiring With GW connect watertight connector STANDARDS AND APPROVALS - Fixing With GW connect watertight connector Extension Codium STANDARDS AND APPROVALS - Fixing With GW connect watertight connector Extension Codium Stainless Steel Controlgear replaceability By professional Device with reduced surface temperature Personal DIN 18032-3 certification Available (under certain installation conditions) IPEA - Maximum surface exposed to the wind O,350 m² Insulation class I IP degree IP65 September 1965 Septemb	Shield type	PMMA	Overvoltage protection	DM 6 kV / CM 10 kV
Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension External screw Stainless steel Colour Grey RAL 7035 Wiring With GW connect watertight connector STANDARDS AND APPROVALS - Fixing - Light souce replaceability By professional Device with reduced surface temperature Professional Device with reduced surface temperature Available (under certain installation conditions) Priver Box By professional Din 18032-3 certification Available (under certain installation conditions) Priver Box Built-in Insulation class I Pedegree IP65 Mechanical resistance IK07	Optic	Metallic PC reflector and PMMA lenses	Control System	ON / OFF
External screw Stainless steel Tilt With bracket accessory Colour Grey RAL 7035 Wiring With GW connect watertight connector STANDARDS AND APPROVALS - Fixing - Classification - Light souce replaceability By professional Device with reduced surface temperature Yes Controlgear replaceability By professional DIN 18032-3 certification Available (under certain installation conditions) Driver Box Built-in IPEA Maximum surface exposed to the wind 0,350 m² Insulation class 1 Available (under certain installation conditions) - IP degree IP65 Maximum surface exposed to the wind 0,350 m² IP degree IP65 - Mechanical resistance IK07 -	Gasket	anti-aging silicone	INSTALLATION AND MAINTENANCE	-
Colour Grey RAL 7035 Wiring With GW connect watertight connector STANDARDS AND APPROVALS Classification - Light souce replaceability By professional Device with reduced surface temperature Yes Controlgear replaceability By professional DIN 18032-3 certification Available (under certain installation conditions) IPEA - Maximum surface exposed to the wind 0,350 m² Insulation class I I IP degree IP65	Locking Hook	-	Mounting and installation	Ceiling - Wallmounting - Suspension
STANDARDS AND APPROVALS - Fixing - Light souce replaceability Device with reduced surface temperature DIN 18032-3 certification Available (under certain installation conditions) IPEA Insulation class I IP degree IP65 Mechanical resistance - Fixing - Light souce replaceability Controlgear replaceability Driver Box Maximum surface exposed to the wind 0,350 m² Maximum surface exposed to the wind 0,350 m² - IR66 IR67 - IR67 - IR68 - IR68 - IR69 -	External screw	Stainless steel	Tilt	With bracket accessory
Classification - Light souce replaceability By professional Device with reduced surface temperature Yes Controlgear replaceability By professional DIN 18032-3 certification Available (under certain installation conditions) Driver Box Built-in IPEA Maximum surface exposed to the wind 0,350 m² Insulation class I - IP degree IP65 - Mechanical resistance IK07 -	Colour	Grey RAL 7035	Wiring	With GW connect watertight connector
Device with reduced surface temperature DIN 18032-3 certification Available (under certain installation conditions) IPEA Insulation class IP degree IP65 Mechanical resistance Yes Controlgear replaceability Driver Box Maximum surface exposed to the wind O,350 m² Maximum surface exposed to the wind O,350 m² I - IP degree IP65 IK07	STANDARDS AND APPROVALS -		Fixing	-
DIN 18032-3 certification Available (under certain installation conditions) IPEA Insulation class IP degree IP65 Mechanical resistance INK07 IP degree IR67 IR67 IP degree IR67 IR67 IP degree IR67 IR67 IP degree IR67 IR67 IR67 IR67 IR67 IR67 IR67 IR67	Classification	-	Light souce replaceability	By professional
conditions) IPEA - Maximum surface exposed to the wind 0,350 m² Insulation class I - IP degree IP65 - Mechanical resistance IK07 -	Device with reduced surface ter	mperature Yes	Controlgear replaceability	By professional
IPEA - Maximum surface exposed to the wind 0,350 m² Insulation class I - IP degree IP65 - Mechanical resistance IK07 -	DIN 18032-3 certification		Driver Box	Built-in
Insulation class I - IP degree IP65 - Mechanical resistance IK07 -	IPEA	-	Maximum surface exposed to the wind	0.350 m ²
Mechanical resistance IK07 -	Insulation class	I	F	-
Mechanical resistance IK07 -	IP degree	IP65		-
	Mechanical resistance	IK07		-
	Glow Wire Test	650 °C		-

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION





TECHNICAL SYMBOLOGY













IP IP65 IK IK07 **GWT** 650 °C



STANDARDS/APPROVALS

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